



OnSite

Environmental Inc.

Analytical Testing and Mobile Laboratory Services

May 25, 2001

Peter Trabusiner
Net Compliance
210 N Perry, Suite B
Kennewick, WA 99336

Re: Analytical Data for Project E2001/0501
Laboratory Reference No. 0105-173

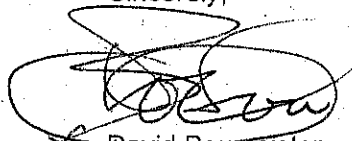
Dear Peter:

Enclosed are the analytical results and associated quality control data for samples submitted on May 23, 2001.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



David Baumeister
Project Manager

Enclosures

Date of Report: May 25, 2001
Samples Submitted: May 23, 2001
Lab Traveler: 05-173
Project: E2001/0501

NWTPH-Gx/BTEX

Date Extracted: 5-23-01
Date Analyzed: 5-23-01

Matrix: Water
Units: ug/L (ppb)

Client ID: 518-02-01
Lab ID: 05-173-01

518-03-02
05-173-02

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		1.0	4.8		1.0
Toluene	ND		1.0	3.0		1.0
Ethyl Benzene	ND		1.0	84		1.0
m,p-Xylene	ND		1.0	95		1.0
o-Xylene	ND		1.0	51		1.0
TPH-Gas	ND		100	3300		100
Surrogate Recovery: Fluorobenzene	119%			122%		

Date of Report: May 25, 2001
Samples Submitted: May 23, 2001
Lab Traveler: 05-173
Project: E200170501

**NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-23-01
Date Analyzed: 5-23-01

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0523W1

	Result	Flags	PQL
Benzene	ND		1.0
Toluene	ND		1.0
Ethyl Benzene	ND		1.0
m,p-Xylene	ND		1.0
o-Xylene	ND		1.0
TPH-Gas	ND		100
Surrogate Recovery: Fluorobenzene	118%		

Date of Report: May 25, 2001
Samples Submitted: May 23, 2001
Lab Traveler: 05-173
Project: E200170501

**NWTPH-Gx/BTEX
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-23-01
Date Analyzed: 5-23-01

Matrix: Water
Units: ug/L (ppb)

Lab ID:	05-173-01 Original	05-173-01 Duplicate	RPD	Flags
Benzene	ND	ND	NA	
Toluene	ND	ND	NA	
Ethyl Benzene	ND	ND	NA	
m,p-Xylene	ND	ND	NA	
o-Xylene	ND	ND	NA	
TPH-Gas	ND	ND	NA	
Surrogate Recovery:				
Fluorobenzene	119%	117%		

Date of Report: May 25, 2001
 Samples Submitted: May 23, 2001
 Lab Traveler: 05-173
 Project: E2001/0501

**NWTPH-Gx/BTEX
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-23-01
 Date Analyzed: 5-23-01

Matrix: Water
 Units: ug/L (ppb)

Spike Level: 50.0 ppb

Lab ID:	05-173-01 MS	Percent Recovery	05-173-01 MSD	Percent Recovery	RPD	Flags
Benzene	57.5	115	57.5	115	0.0	
Toluene	58.9	118	58.8	118	0.14	
Ethyl Benzene	60.0	120	59.9	120	0.18	
m,p-Xylene	59.5	119	59.5	119	0.067	
o-Xylene	58.9	118	59.1	118	0.25	
Surrogate Recovery:						
Fluorobenzene	119%		120%			



OnSite Environmental Inc.

DATA QUALIFIERS AND ABBREVIATIONS

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

D - Data from 1:____ dilution.

E - The value reported exceeds the quantitation range, and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

G - Insufficient sample quantity for duplicate analysis.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

O - Hydrocarbons outside the defined gasoline range are present in the sample; NWTPH-Dx recommended.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a silica gel cleanup procedure.

Y - Sample extract treated with an acid cleanup procedure.

Z -

ND - Not Detected at PQL

MRL - Method Reporting Limit

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



**OnSite
Environmental Inc.**

14648 NE 85th Street • Redmond, WA 98052
Fax: (425) 883-4603 • Phone: (425) 883-3881

Chain of Custody

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☒ 3 Day

☐ Standard
(Hydrocarbon analyses: 5 days,
All other analyses: 7 days)

☐ (other)

Project Chemist:

Laboratory No.

Requested Analysis

NWTPH-HCID	
NWTPH-Gx/BTEX	X
NWTPH-Dx	
Volatiles by 8260B	
Halogenated Volatiles by 8260B	
Semivolatiles by 8270C	
PAHs by 8270C	
PCB's by 8082	
Pesticides by 8081	
Total RCRA Metals (8)	
TCLP Metals	
VPH	
EPH	
% Moisture	

Date Sampled Time Sampled Matrix Cont. # of

Lab ID Sample Identification

1	518-02-01	5/18/01	12:30	H ₂ O	2+2
2	518-03-02	5/18/01	13:05	H ₂ O	2+2

X

COMMENTS:

Invoice to:
Blue Mountain Environmental, Inc.
505 Willard St.
Waitsburg, WA 99361
877-611-2632

RELINQUISHED BY	DATE	RECEIVED BY	DATE
<i>[Signature]</i>	5-22-01	<i>[Signature]</i>	5/23/01
FIRM	TIME	FIRM	TIME
BMEC, INC.	10:30	Blue Mountain Environmental	7:45
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY	DATE REVIEWED		

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Chromatographs with final report ☐